





How to replace the brake shoes of rear drum brake on FIAT PUNTO 188

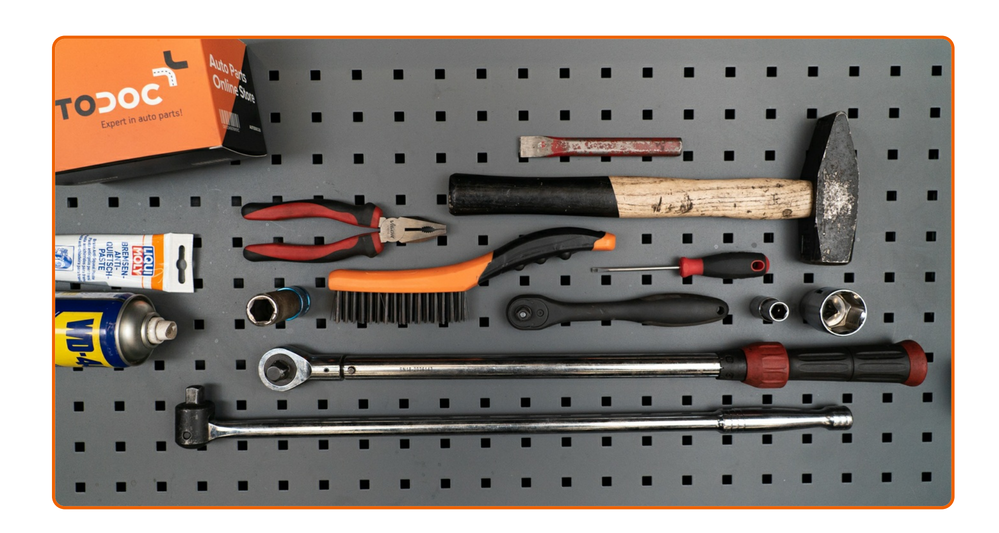

VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
FIAT PUNTO (188_) 1.3 JTD 16V, FIAT PUNTO Van (188_) 1.3 JTD

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 12
- Drive socket # 32
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Hammer
- Flat chisel
- Pliers
- Flat screwdriver
- Wheel chock

AUTODOC recommends:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- All work should be done with the engine stopped.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



Open the bonnet. Unscrew the brake fluid reservoir cap.

2

Secure the wheels with chocks.



3



Loosen the wheel mounting bolts. Use wheel impact socket #17.

4

Raise the rear of the car and secure on supports.

5

Unscrew the wheel bolts.

AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

6



Remove the wheel.

7

Fully lower the parking brake lever.

8



Unscrew the brake drum fastening Use a drive socket #12. Use a ratchet wrench.



9



Remove the brake drum.

AUTODOC recommends:

- Examine the brake drum. Replace it if necessary.

10



Remove the hub bearing protection cap. Use a crowbar. Use a hammer.

AUTODOC recommends:

- Some cars are not equipped with wheel hub caps.

11



Unscrew the wheel hub axle nut. Use a drive socket #32. Use a tap wrench.

12



Remove the hub and the bearing together, since they are a sealed unit.

13



Remove the retaining spring of the brake pads.

14.1



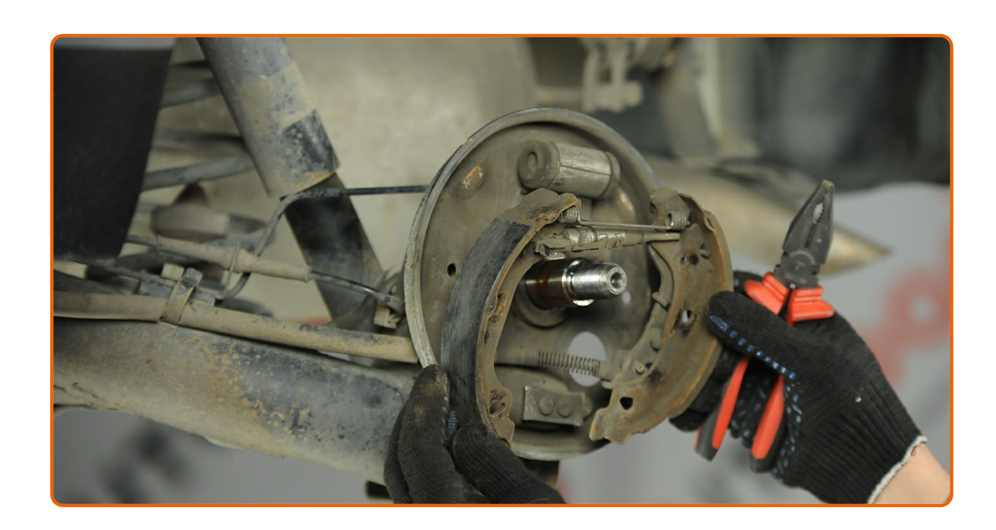
Remove the brake pads retaining clips.

14.2



Use pliers.

15



Pull both brake shoes with the adjuster from the working brake cylinder, avoiding damage to the boots. Use a flat screwdriver.

16

Remove both shoes from the mounting bracket.

AUTODOC recommends:

- Don't press the brake pedal after removing the rear brake drum shoes. This will cause the piston to fall out of the brake cylinder, leakage of brake fluid and depressurization of the system.

17



Disconnect the parking brake cable.

18

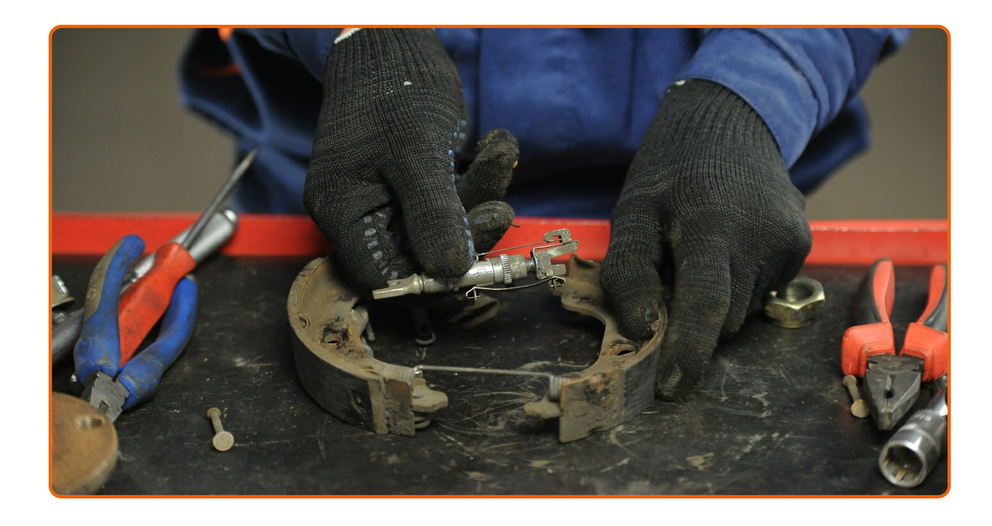
Clean the brake drum. Use a brake cleaner.



AUTODOC recommends:

- After applying the spray, wait a few minutes.

19



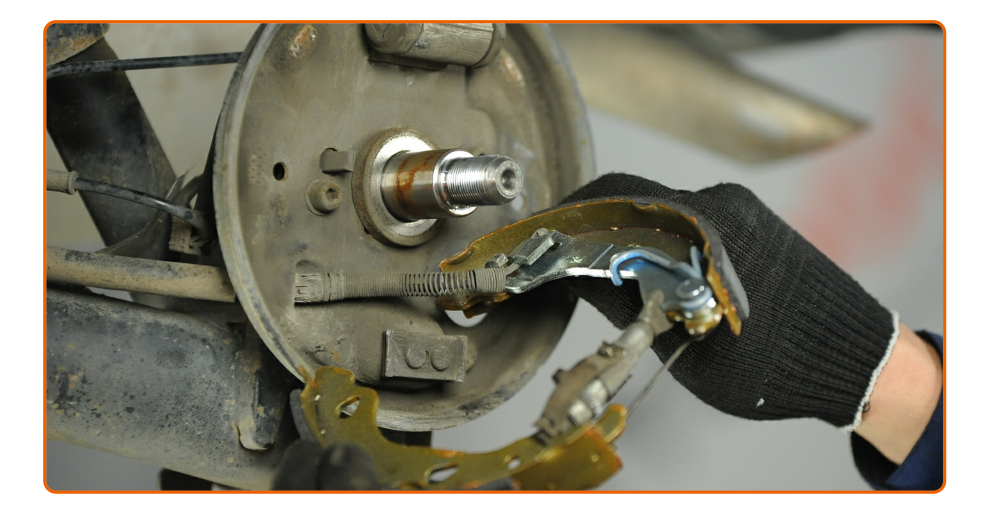
Perform further demounting of the upper retaining spring and the adjuster mechanism.

20



Install the upper retaining springs and adjustment mechanism on new brake shoes.

21



Connect the parking brake cable to the parking brake lever.

22



Install the brake shoes on the working brake cylinder on the bracket and on the brake-support plate bracket.

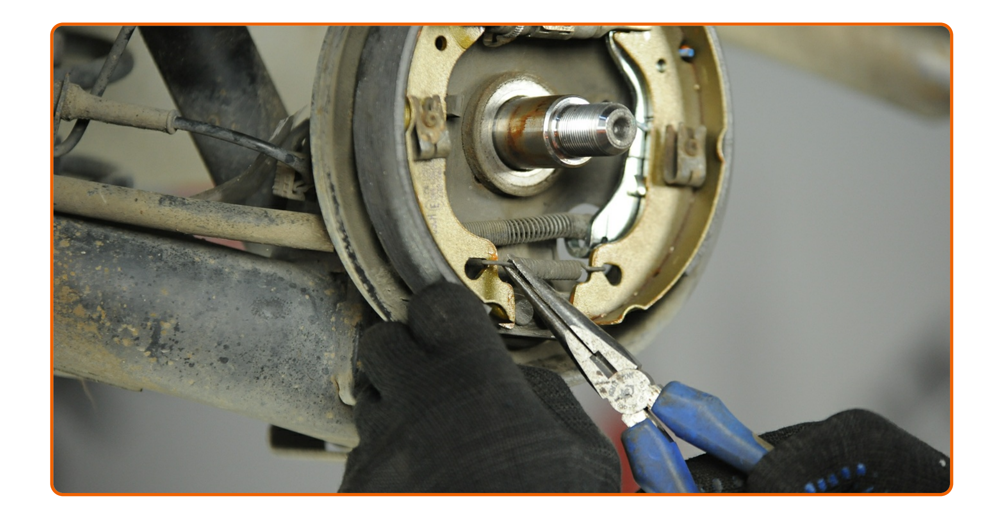


23



Install the brake pads retaining clips.

24



Install the retaining spring of the brake pads.

25



Install the wheel hub

26

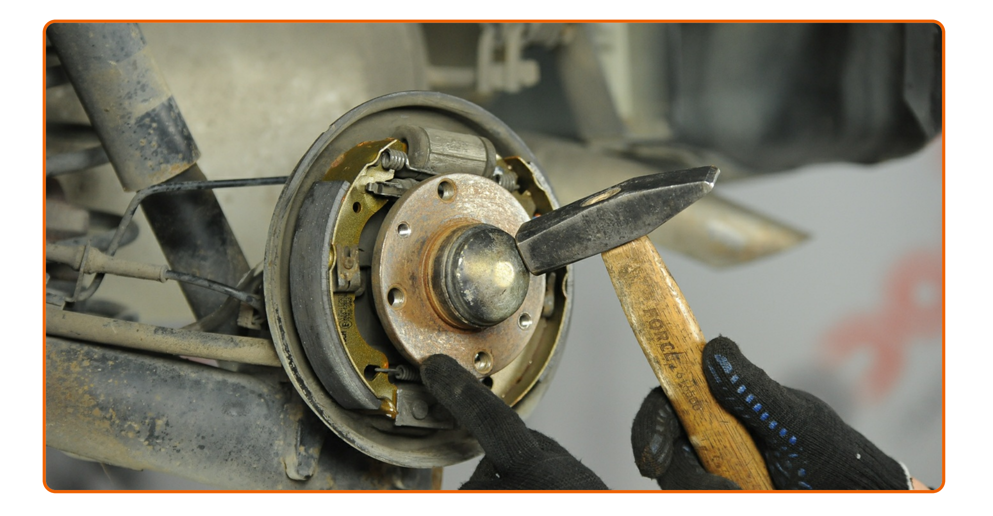


Tighten the hub. Use a drive socket #32. Use a torque wrench. Tighten it to 125 nm torque.

AUTODOC recommends:

- The wheel bearing unit must not tilt on the axle pin.

27



Install the hub bearing protection cap. Use a hammer.

28

Clean the hub. Use a wire brush.

29

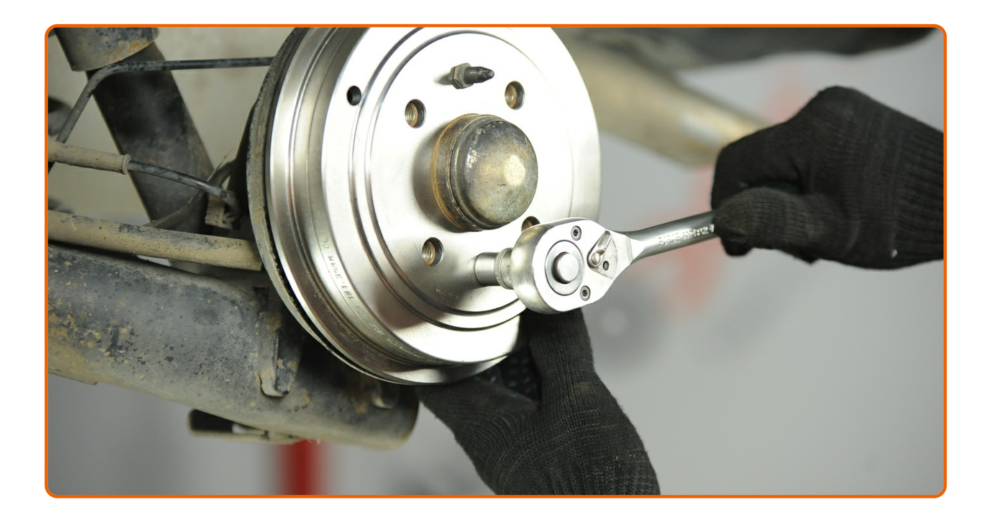
Treat the contacting surface. Use copper grease.

30



Install the brake drum and fasten it.

31



Tigten the brake drum fasteners. Use a drive socket #12. Use a torque wrench. Tighten it to 15 Nm torque.

32

Clean the wheel rim mounting seat. Use a wire brush. Treat the surface where the wheel rim contacts the brake drum. Use copper grease.

33



Install the wheel.

AUTODOC recommends:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

34



Screw in the wheel bolts. Use wheel impact socket #17.

35

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 nm torque.

36

Remove the jacks and chocks.



AUTODOC recommends:

- Check the brake fluid level in the expansion tank and refill if necessary.

37



Tighten the brake fluid reservoir cap. Close the hood.

AUTODOC recommends:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unneccessary and sharp braking to a stop.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO



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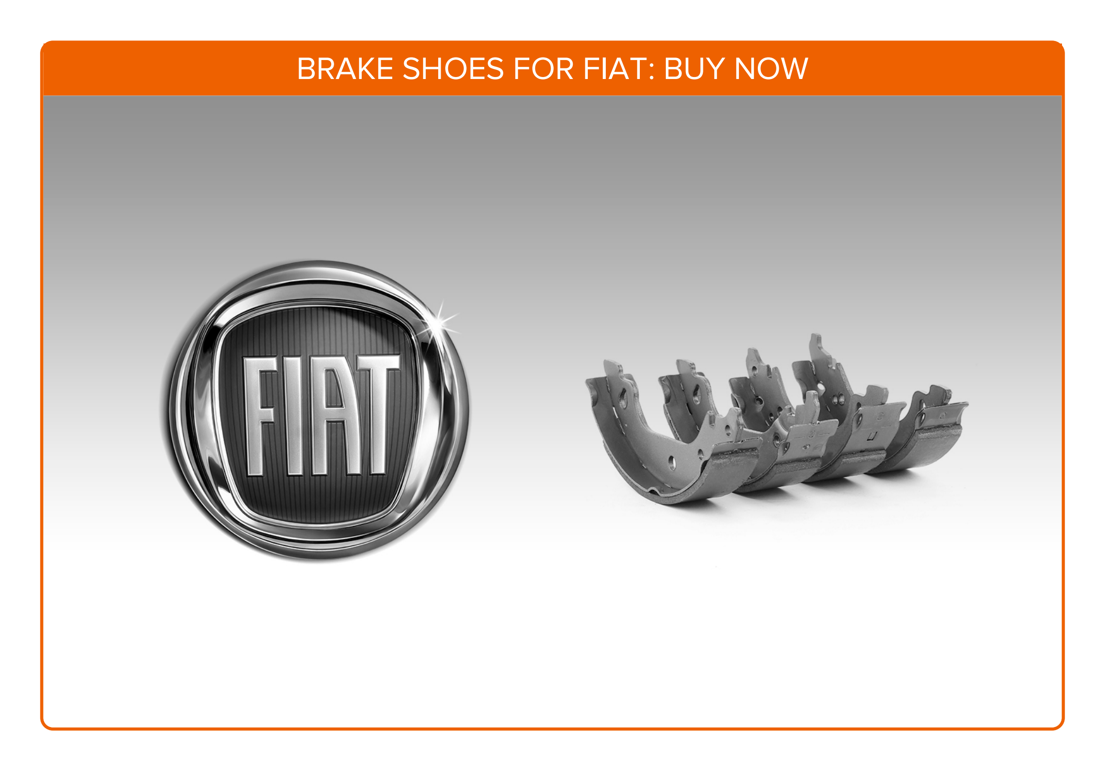




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